

R E M A R K S

Claims 1 to 3 and 5 to 8 as set forth in Appendix I of this paper are currently pending in this case. Claim 1 has been amended as indicated.

Applicants have adopted the wording suggested by the Examiner to obviate the rejection of Claims 1 to 3 and 5 to 8 under Section 112, 12. No new matter has been added. Withdrawal of the respective rejection is respectfully solicited.

The Examiner has rejected Claims 1 to 3 and 8 under 35 U.S.C. §102(b) as being anticipated by the "**ACS Report**"<sup>1)</sup>, and has rejected Claims 1 to 3 and 5 to 8 under 35 U.S.C. §103(a) as being unpatentable in light of the teaching of **Tani et al.** (JP 10/231317) when taken in view of the disclosure made in the **ACS Report**.

It is respectfully submitted that the disclosure made in the **ACS Report** is a disclosure of a part of applicants' invention, which disclosure was made by applicants not more than one year prior to the date on which applicants' filed U.S. application Serial No. 09/277,823<sup>2)</sup>, priority of which is claimed. Applicants are currently preparing the inventors' declaration attesting to the pertinent facts. The requisite documentation will be forwarded to the U.S. PTO as soon as all signatures are available.

Since the **ACS Report** is not applicable prior art, the rejections under Sections 102(b) and 103(a) will be obviated once the requisite documentation has become available.

REQUEST FOR EXTENSION OF TIME:

It is respectfully requested that a four month extension of time be granted in this case. A check for the \$1,480.00 fee is attached.

Please charge any shortage in fees due in connection with the filing of this paper, including Extension of Time fees, to Deposit

1) Report at the 215<sup>th</sup> ACS National Meeting, Dallas, March 29 - April 02, 1998; authored by R.D. Kröhn, M. Haufe and G. Kociok-Kröhn

2) Filing date: March 29, 1999.

Account No. 11.0345. Please credit any excess fees to such deposit account.

Respectfully submitted,  
KEIL & WEINKAUF

  
Herbert B. Keil  
Reg. No. 18,967

1350 Connecticut Ave, N.W.  
Washington, D.C. 20036  
(202) 659-0100

Encl.: THE LISTING OF CLAIMS (Appendix I)

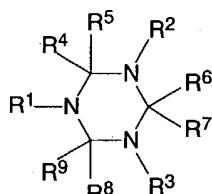
HBK/BAS

## APPENDIX I:

THE LISTING OF CLAIMS (version with markings):

## 1. (currently amended) A catalyst obtained from

a) a chromium compound  $\text{CrX}_3$  and the at least equimolar amount, based on the chromium compound  $\text{CrX}_3$ , of a ligand L or from an existing chromium complex  $\text{CrX}_3\text{L}$ , in which the groups X are, independently of one another, abstractable counterions and L is a 1,3,5-triazacyclohexane of the formula I



where the groups  $R^1$  to  $R^9$  are, independently of one another: hydrogen or organosilicon or substituted or unsubstituted carboorganic groups having from 1 to 30 carbon atoms, where two geminal or vicinal radicals  $R^1$  to  $R^9$  may also be joined to form a five- or six-membered ring, and

b) at least one activating additive selected from the group consisting of (i) and (ii) wherein:

i) is a combination of

an unsubstituted or substituted five-membered aromatic N-heterocycle and  
at least one aluminum alkyl, wherein some of the alkyl groups of the aluminum alkyl are optionally replaced by halogen and/or alkoxy, and

## ii) is an alkylalumoxane.

2. (previously presented) The catalyst defined in claim 1, wherein the groups  $R^1$ ,  $R^2$  and  $R^3$  in the 1,3,5-triazacyclohexane I are, independently of one another, substituted or unsubstituted  $C_1$ - $C_{12}$ -alkyl,  $C_6$ - $C_{15}$ -aryl or  $C_7$ - $C_8$ -arylalkyl.

3. (previously presented) The catalyst defined in claim 1, wherein the groups  $R^1$ ,  $R^2$  and  $R^3$  in the 1,3,5-triazacyclohexane I are, independently of one another, substituted or unsubstituted  $C_1$ - $C_{12}$ -alkyl or  $C_7$ - $C_8$ -arylalkyl.

4. (canceled)

5. (original) [(1,3,5-Tris(2-n-propylheptyl)-1,3,5-triazacyclohexane) CrCl<sub>3</sub>].
6. (original) [(1,3,5-Tris(2-ethylhexyl)-1,3,5-triazacyclohexane) CrCl<sub>3</sub>].
7. (previously presented) A process for preparing oligomers having up to 30 carbon atoms by reaction of an olefin or a mixture of olefins at from 0 to 150°C and pressures of from 1 to 200 bar in the presence of the catalyst defined in claim 1.
8. (previously presented) The catalyst defined in claim 1, wherein the groups R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup>, R<sup>8</sup> and R<sup>9</sup> in the 1,3,5-triazacyclohexane I are, independently of one another, hydrogen or methyl.